

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : To Be Assigned  
Applicants : Ben HANKAMER and Olaf KRUSE  
Filed in US PTO : December 28, 2005  
Group Art Unit :  
Priority to : International Appln. No. PCT/AU2004/000913  
(filed July 7, 2004)  
Australian Patent Appln. No. 2003903453  
(filed July 7, 2003)  
U.S. Patent Examiner :  
Docket No. : 012930-000026  
Customer No. : 24,239  
Title: : PHOTOSYNTHETIC HYDROGEN PRODUCTION

---

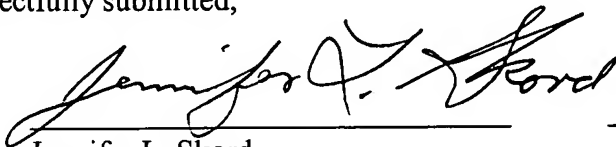
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.56 AND 37 C.F.R. § 1.97**

It is respectfully requested that the documents listed on the attached Form PTO/SB/08b be considered by the Patent and Trademark Office in the above-referenced application and made of record therein. Full text copies of the 4 relevant documents are enclosed.

Respectfully submitted,

By:



Jennifer L. Skord  
Registration No. 30,687  
Attorney for Applicants  
Moore & Van Allen, PLLC  
430 Davis Dr., Suite 500  
Morrisville, NC 27560-6832  
Phone: 919-286-8000  
Facsimile: 919-286-8199

December 28, 2005

Date

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	To Be Assigned <b>10/562512</b>
		Filing Date	
		First Named Inventor	Ben Hankamer
		Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	012930-000026	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	Hippler, M. <i>et al.</i> , <i>Chlamydomonas</i> genetics, a tool for the study of bioenergetic pathways. <i>Biochimica et Biophysica Acta</i> (1998) volume 1367, pages 1-62. See page 43, right column and page 53 right column to page 54 left column.	
	B	Ghirardi, M.L. <i>et al.</i> Microalgae: a green source of renewable H <sub>2</sub> . <i>Trends in Biotechnology</i> (2000) volume 18, pages 506-511.	
	C	Melis, A. <i>et al.</i> Sustained photobiological hydrogen gas production upon reversible inactivation of oxygen evolution in the green algae <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> (2000) volume 122 pages 127-135.	
	D	Polle, J.E. W. <i>et al.</i> Truncated chlorophyll antenna size of the photosystems – a practical method to improve microalgal productivity and hydrogen production in mass culture. <i>International Journal of Hydrogen Energy</i> (2002) volume 27, pages 1257-1264.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.